

Product: REM SA LTE

Product Order Code:

BM-02 RANGE

Low Profile Self Adhesive Mounted Antenna

LTE-4G, CELLULAR (2G, 3G)

- Low profile robust combination antenna
- RoHS 2011/65/EU & RoHS₃ (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

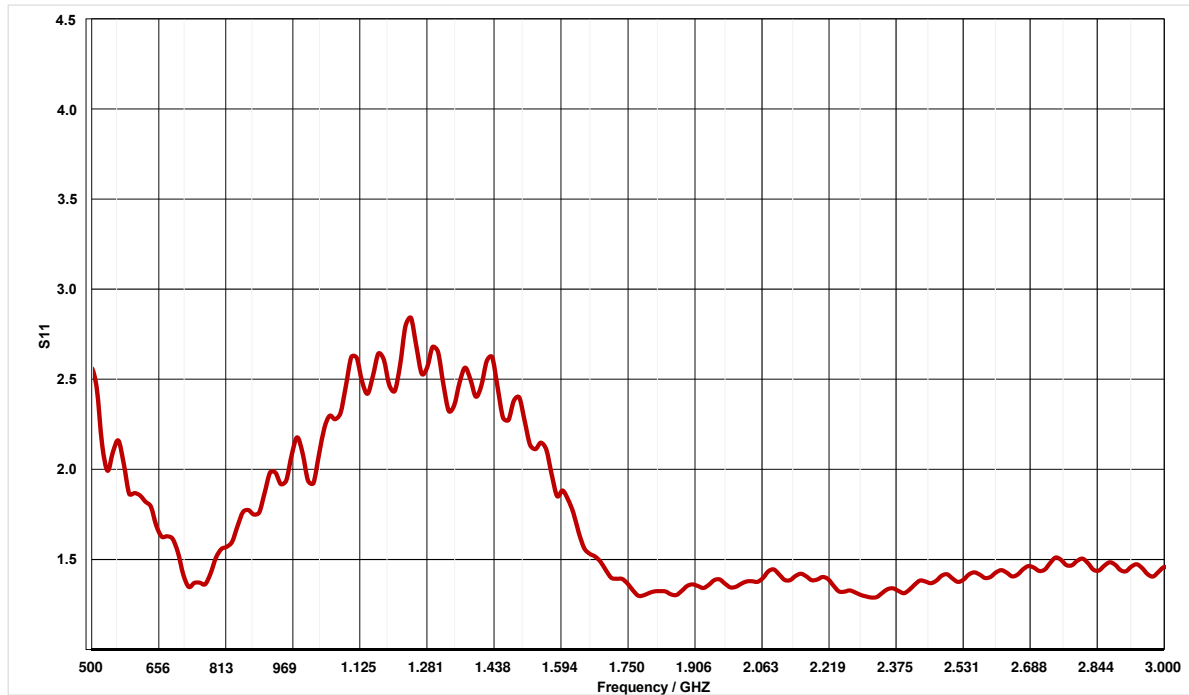
Dimensions		79mm x 74mm x 15.3mm (H) (Including self adhesive pad)
Weight		74g (Excluding cable and connector)
Construction Materials		PC/ABS UL94 V0 / UV Stable
Mounting Arrangement		3M Adhesive Pad Mounting on any non metallic surface (glass, plastic etc.)
Temperature Range		-40 to +85 Degree C
Protection Class		IP67 (IEC 60529)
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900 GSM 1800 MTS WLAN + LTE (High)	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance		50 Ohm
Polarisation		Linear
Peak Gain	LTE 700 & GSM 900 GSM 1800 MTS WLAN + LTE (high)	@ 790-960 MHz 3.8dBi @ 1710-1880 MHz 2.14dBi @ 1920-2170 MHz 2.14dBi @ 2300-2700 MHz 2.14dBi
Radiation Pattern		Omni-Directional
Max Power @ 30 Celsius	LTE 800 & GSM 900 GSM 1800 MTS WLAN + LTE (high)	25 Watts @ 790-960 MHz 25 Watts @ 1710-1880 MHz 25 Watts @ 1920-2170 MHz 25 Watts @ 2300-2700 MHz
Return loss (VSWR)		<2:1 (All Featured Bands)
Radiator Type		Dipole
Cable types Available		LL100 50 Ohm Low Loss / RG174 / RG316
Cable Length		According to customer specification
Connector		According to customer specification
Test & Measurement Conditions		300mm x 300mm x 2mm ABS / 1000mm LL100 Cable / SMA Male connector

dB_i Referenced to an isotropic radiator

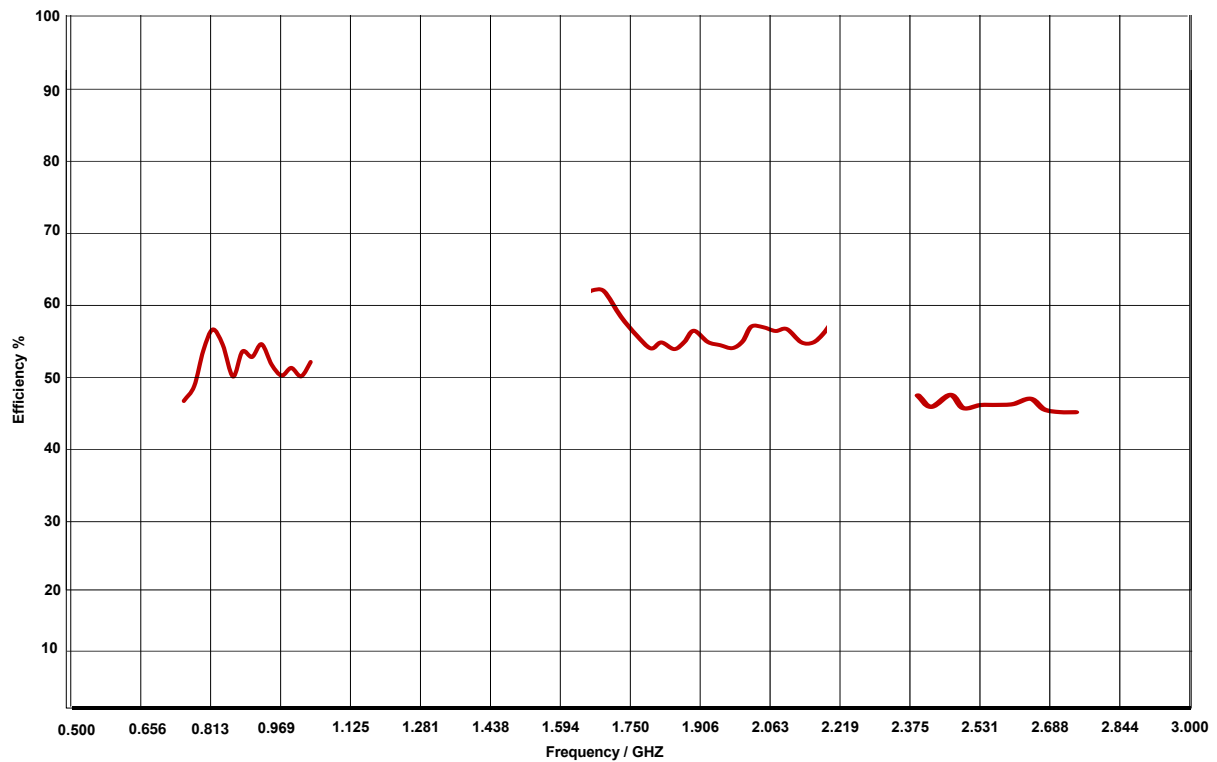
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Typical VSWR Data



Radiated Efficiency



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CAD Data

